

CLAIMS

1. A clip for an EC mirror, including a metallic clip (20) formed by providing both side pieces (21, 22) on both side edges of an electrically conductive strip-like metallic plate (23) in such a way as to face each other and to be integral with each other thereby to constitute one channel-type section as a whole, said clip, characterized in that:

one (21) of both said side pieces, which is disposed at a side of a conductive surface, is formed in a planar shape in such a manner as to be able to be in planar and intimate contact with the conductive surface; and

the other (22) of both said side pieces, which is disposed at a back side of a substrate, has a terminal portion (22a) thereof shaped in such a way as to be outwardly opened, and also has a central portion (22b) thereof formed in a protruding shape in such a manner as to be bent toward an inside of said clip and as to narrow an inner opening thereof, to thereby impart elastic property thereto.

2. An electrode structure of an EC mirror having an electrode portion in which a transparent electrically conductive film (13) serving as a first electrode, an EC film to be formed on said transparent electrically conductive film, and a second

electrode and reflecting film (17) to be formed on said EC film are sequentially formed on a transparent substrate (11) with curvature, and in which a sealing resin layer (18) and a protective layer (19) are provided thereon, and in which metallic clips (2) are attached to lead-out electrodes for said first electrode and said second electrode, said electrode structure, characterized in that:

said clip (20) is formed by providing either of a side piece (21) or a side piece (22) on both side edges of a strip-like connection plate (23), which is made of an electrically conductive metallic material, in such a way as to face each other and to be integral with each other thereby to constitute substantially a channel-type section as a whole;

one (21) of both said opposed side pieces (21, 22), which is disposed at a side of a conductive surface, of said clip is formed in a planar shape; and

the other (22) of both said side pieces, which is disposed at a side of a substrate, has a terminal portion (22a) thereof shaped in such a way as to be outwardly opened, and also has a central portion (22b) thereof formed in a convex shape in such a manner as to narrow an inner opening thereof.

3. An electrode structure for an EC mirror according to claim 2, wherein an expanding slot (24) is formed in each of said side pieces (21, 22) of said clip in a direction perpendicular

to a longitudinal direction thereof, and wherein a terminal for an external wire connection is formed on one of both said side pieces.